

# FISH & RICHARDSON P.C.,P.A.

3300 Dain Rauscher Plaza  
60 South Sixth Street  
Minneapolis, Minnesota  
55402

Telephone  
612 335-5070

Facsimile  
612 288-9696

Web Site  
www.fr.com

January 15, 2004

Attorney Docket No.: 07148-063004

## Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Presented for filing is a new continuation patent application of:

Applicant: Lorin R. DeBonte and Guo-Hua Miao

Title: Fatty Acid Desaturases and Mutant Sequences Thereof

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	50
Claims	8
Abstract	1
Declaration	2
Drawing(s)	14

### Enclosures:

- Preliminary Amendment, 13 pages.
- Postcard.

This application is a continuation of U.S. Application No. 08/874,109, filed June 12, 1997, which is a continuation-in-part of PCT Application No. PCT/US96/20090, filed December 13, 1996, which is a continuation-in-part of U.S. Application No. 08/572,027, filed December 14, 1995, all of which are incorporated by reference in their entirety.

Basic filing fee	\$770
Total claims in excess of 20 times \$18: (5)	\$90
Independent claims in excess of 3 times \$86: (1)	\$86
Fee for multiple dependent claims	<u>\$0</u>
Total filing fee:	\$946

CERTIFICATE OF MAILING BY EXPRESS MAIL

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A check for the filing fee is enclosed. Please apply any other required fees or any credits to Deposit Account 06-1050, referencing the Attorney Docket number shown above.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (612) 335-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please direct all correspondence to the following:

Scott R. Pribnow  
Cargill, Incorporated  
15407 McGinty Road West  
Wayzata, MN 55391

Respectfully submitted,

A handwritten signature in black ink that reads "M. Angela Parsons". The signature is written in a cursive style with a large, stylized "P".

M. Angela Parsons, Ph.D.

Reg. No. 44,282

Enclosures

MAP/jyh

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